



#4

10/066,009

Patent Docket P1869R1

Sequence Listing

<110> Schaffer, Michelle
Ultsch, Mark
Vajdos, Felix

<120> CRYSTALLIZATION OF IGF-1

<130> P1869R1

<140> US 10/066,009

<141> 2002-02-01

<150> US 60/287,072

<151> 2001-04-27

<150> US 60/267,977

<151> 2001-02-09

<160> 5

<210> 1

<211> 70

<212> PRT

<213> Homo sapiens

<400> 1

Gly	Pro	Glu	Thr	Leu	Cys	Gly	Ala	Glu	Leu	Val	Asp	Ala	Leu	Gln
1				5					10					15

Phe	Val	Cys	Gly	Asp	Arg	Gly	Phe	Tyr	Phe	Asn	Lys	Pro	Thr	Gly
				20					25					30

Tyr	Gly	Ser	Ser	Ser	Arg	Arg	Ala	Pro	Gln	Thr	Gly	Ile	Val	Asp
				35					40					45

Glu	Cys	Cys	Phe	Arg	Ser	Cys	Asp	Leu	Arg	Arg	Leu	Glu	Met	Tyr
				50					55					60

Cys	Ala	Pro	Leu	Lys	Pro	Ala	Lys	Ser	Ala
				65					70

<210> 2

<211> 67

<212> PRT

<213> Homo sapiens

<400> 2

Ala	Tyr	Arg	Pro	Ser	Glu	Thr	Leu	Cys	Gly	Gly	Glu	Leu	Val	Asp
1				5					10					15

Thr	Leu	Gln	Phe	Val	Cys	Gly	Asp	Arg	Gly	Phe	Tyr	Phe	Ser	Arg
				20					25					30

Pro	Ala	Ser	Arg	Val	Ser	Arg	Arg	Ser	Arg	Gly	Ile	Val	Glu	Glu
				35					40					45

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Cys Cys Phe Arg Ser Cys Asp Leu Ala Leu Leu Glu Thr Tyr Cys
50 55 60

Ala Thr Pro Ala Lys Ser Glu
65

<210> 3
<211> 50
<212> PRT
<213> Homo sapiens

<400> 3
Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu
1 5 10 15
Tyr Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Gly
20 25 30
Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu
35 40 45
Glu Asn Tyr Cys Asn
50

<210> 4
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Sequence is synthesized.

<400> 4
Arg Asn Cys Phe Glu Ser Val Ala Ala Leu Arg Arg Cys Met Tyr
1 5 10 15
Gly

<210> 5
<211> 56
<212> PRT
<213> Artificial Sequence

<220>
<223> Residues observed in IGF-1 structure.

<400> 5
Glu Thr Leu Cys Gly Ala Glu Leu Val Asp Ala Leu Gln Phe Val
1 5 10 15
Cys Gly Asp Arg Gly Phe Tyr Phe Asn Lys Pro Thr Gly Tyr Gly
20 25 30
Ser Ser Thr Gly Ile Val Asp Glu Cys Cys Phe Arg Ser Cys Asp
35 40 45